Index of Claims

| Application | /Control No |
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10/747,692 Examiner

Michael t. Tran

Applicant(s)/Patent under Reexamination

NAKATA, DAISUKE Art Unit

2827

| √ | Rejected | _ | (T) |
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| _ | Allowed  |   |     |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| Z | Non-Elected  |
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| _ | Interference |

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| o | Objected |

| The color of the | Claim       |   | Date   |               |   | Cla                    | im |               |  | Dat           | е  |                                |          |     | Cla      | aim |          |          |         | Da      | e            |                 |          |          |
|--|-------------|---|--|---------------|---|------------------------|----|---------------|--|---------------|--|--------------------------------|----------|-----|----------|-----|----------|----------|---------|---------|--------------|-----------------|----------|----------|
| Si   | -           | ایا   |  |               |   |                        |    |               |  |               |  |                                |          | Γ   |          | 교   |          |          | Т       | T       |              | П               | П        |          |
| Si   | a   ii      |   | 11   |               |   | <u>a</u>               | Ę. |               |  |               |  |                                |          |     | ह        | یّن |          | 1        |         |         |              |                 | ,        |          |
| Si   | 🖆   😤       | 3/1   | .  |               |   | ᄩ                      | Ĕ  |               |  |               |  |                                | :::      |     | ₫        | ξ   | ľ        |          |         |         |              | li              | . ]      |          |
| 3     0     102     102     103     103     104     103     104     104     104     104     104     104     104     104     105     105     105     105     105     105     106     107     105     107  | هاــــا     |   |  |               |   |                        |    |               | Ш  |               | $oxed{oxed}$                                     |                                |          | iL. |          |     |          |          | ᆚ       | $\perp$ |              | $\perp$         |          | LJ       |
| 3     0     102     102     103     103     104     103     104     104     104     104     104     104     104     104     105     105     105     105     105     105     106     107     105     107  | 1/12        | [√]   |  |               |   |                        |    |               |  |               |  |                                |          | i.  |          |     |          |          |         |         |              |                 |          |          |
| 4  | 2           | <b>  1</b>  |  |               |   |                        |    |               |  |               |  | $\perp \perp \perp$            |          | IL  |          |     |          |          | $\perp$ |         |              |                 |          |          |
| 5  |             | 0   |  |               |   |                        | 53 |               |  |               |  |                                |          | ::[ |          |     |          |          | $\perp$ | $\perp$ |              |                 |          |          |
| 66   V   |             |   |  | $\perp \perp$ | Ш   |                        | 54 |               | Ш  |               |  | $\perp$                        | _        | L   |          | 104 |          |          | ╧       | $\perp$ |              |                 |          |          |
| For  |             |   |  |               |   |                        |    |               |  |               |  | $\perp \perp \perp$            | _]:::    | L   |          |     |          |          | ᆚ       | $\perp$ |              |                 |          |          |
| S  |             | <b>V</b>  |  |               |   |                        | 56 |               | Ш  |               | Ш  | $\perp \! \! \perp$            |          | L   |          | 106 | $\perp$  |          | ┸       | ┸       |              |                 | $\Box$   |          |
| 9   V     10   10   10   10   10   10   1  |             | 0   |  |               |   |                        |    |               |  |               | $\sqcup$   | $oldsymbol{oldsymbol{\sqcup}}$ |          | IL  |          |     |          |          | ┸       | $\perp$ |              | Ш               | $\Box$   |          |
| 10   |             |   |  |               | $\square$   |                        |    | _ _           | Ш  |               |  |                                | _        | L   |          |     |          |          |         | _       |              | Ш               |          | L        |
| 11   |             | 1   |  |               | $\square$   |                        |    |               | Ш  |               |  | $\perp$                        | _        | L   |          | 109 | _        |          | ᆚ       |         |              | Ш               |          | <u> </u> |
| 12   |             |   |  |               | $\square$   | $\sqcup$               |    |               | $\sqcup$   | _             | $\sqcup$   | $\bot$                         |          | L   |          | 110 | _        |          | 4       | 4_      | _            | $oxed{oxed}$    | لـــا    |          |
| 13   |             |   | $\sqcup \bot \bot$                               | +             | $\square$   |                        |    |               | ┯  |               | $\sqcup$   | $\dashv$                       | _        | 1   |          | 111 | _        |          | $\perp$ | _       | <u> </u>     | Ш               | لـــ     | _        |
| 14   | 12          |   | $\sqcup \bot \bot$                               | +             | Щ   |                        |    |               | $\sqcup$   |               | $\sqcup$   | $\dashv$                       | _        | IL. |          | 112 | _        |          | $\perp$ | 4       | ↓_           | Щ               |          | _        |
| 15   |             |   |  |               | Щ   |                        |    |               | $\sqcup$   | _             | $\sqcup \bot$                                    |                                |          | L   | ļ        |     | _        |          | 4       | 1       | ļ            | $\sqcup$        | !        | <u> </u> |
| 16   |             | <del> - - </del> -                                | $\vdash \vdash \vdash$                           |               | $\square$   |                        |    |               | ₩  |               | $\vdash \downarrow$                              |                                | _        | L   |          | 114 | _        |          | _       | 4       | <u> </u>     | Ш               | لـــا    |          |
| 17   | 15          |   | $\Box$   | +             | $\sqcup$  | $\sqcup \sqcup$        |    | _             | $\sqcup$   | -             | $\vdash \vdash$                                  | +                              | _        | L   |          | 115 | $\dashv$ |          | ┸       | $\perp$ | ļ            | $\sqcup$        |          |          |
| 18   |             |   | $\sqcup \bot$                                    | $\perp \perp$ | <u> </u>  | <b></b>                |    |               | Ш  | _             | <b>  -</b>                                       |                                |          | L   |          |     | _        | _        | ╧       | $\bot$  | lacksquare   | <b>↓</b>        |          | Ŀ        |
| 19   |             |   | $\vdash \vdash \vdash$                           | +             | $\square$   | $\vdash \vdash$        |    | $\bot$        | $\sqcup$   | _             | $\vdash$   | $\dashv$                       |          | 1   |          | 117 | 4        |          | 4       | $\bot$  |              | $\sqcup$        |          | <u> </u> |
| 120  |             |   |  | + +           | $\square$   | $\vdash$               |    | - -           | ┦  | _             | $\vdash$   | $\dashv$                       |          | iL  |          |     | _        | -        | _       | $\perp$ | <u> </u>     | ₩               |          | $\vdash$ |
| 21   121   121   121   122   123   121   122   123   124   123   124   123   124   124   124   124   124   124   124   124   125   125   125   125   125   125   126   126   126   126   126   126   126   126   126   126   127   127   127   127   127   127   127   127   128   128   128   128   128   128   128   128   129   12  |             | $\vdash$  |  | + + -         | $\square$   | $\sqcup$               |    | _             | $\vdash$   |               | -  | $\dashv$                       |          | L   |          | 119 | _        | _        |         | ╄-      | <u> </u>     | ₩               |          | _        |
| 22     122     122     123     123     123     123     123     123     123     123     123     123     123     123     123     123     123     123     123     123     123     124     124     124     124     124     124     125     125     126     126     126     126     127   |             | <del>                                     </del>  |  |               | 1-4   |                        | 70 | _             | $\vdash$   | $\dashv$      |  | +                              |          | L   |          | 120 |          | -        | _       | _       | ↓            | ₩               |          | _        |
| 23   123   123   124   124   124   125   126   126   126   126   126   126   126   126   126   126   126   127   127   127   128   128   128   128   129   129   129   129   130   130   131   131   131   131   131   131   131   131   131   131   132   132   132   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   134   134   134   135   135   135   135   135   135   136   137   13  |             |   | $\vdash$   | +             | <b></b>   | $\vdash$               |    |               | $\vdash$   | _             | $\vdash \vdash$                                  | $\dashv$                       |          | L   |          | 121 | 4        | -        | 4       | +       |              | ┦               | _        | $\vdash$ |
| 24   124   124   124   125   12  | 22          |   |  |               | <b> </b>  |                        | 72 | _             | $\vdash$   |               | -  | +                              |          | L   |          | 122 |          | _        | +       | ╄-      | ₩            | ┦               |          | -        |
| 25     125     125     126     126     126     126     126     126     127   | 23          |   | $\vdash$   | +             | $\square$   |                        |    | -             | ₩  |               | $\vdash$   |                                |          | 1   |          | 123 |          |          | _       | $\bot$  | ₩.           | ₩               | 4        | _        |
| 26   126   126   126   127   127   127   127   127   128   128   128   128   128   128   128   128   128   128   128   129   129   129   130   130   131   131   131   131   131   131   131   131   132   132   132   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   134   134   134   134   134   134   135   135   136   136   136   136   136   137   137   137   137   137   137   138   138   138   139   139   139   139   139   139   139   139   140   141   141   141   141   141   141   141   141   142   143   143   144   144   144   144   144   144   144   144   144   144   145   146   146   14  |             | <del>                                      </del> | ++   |               | <b>  </b>   | $\vdash$               |    |               | $\vdash$   |               |  |                                |          | ŀ   |          |     | -        | -        | +       |         | ₩            | $\vdash \vdash$ | $\dashv$ | $\vdash$ |
| 27   128   127   128   128   128   128   128   128   129   129   129   129   129   129   129   130   130   130   130   131   131   131   131   131   131   132   133   13  | 25          |   |  |               |   | <b> </b>               | 75 | _             | ₩  | _             | <b></b> -  |                                |          | -   |          | 125 | -        |          | +       | +       | ┼            | ₩               | $\dashv$ | Η.       |
| 28   128   128   128   128   129   129   129   129   129   129   130   130   130   131   131   131   131   131   131   131   131   131   131   131   131   132   132   132   133   13  | 26          |   | $\dashv$   | +             | <del>                                     </del>  | <b></b>                | 75 |               | $\vdash$   |               | $\vdash$   | +                              |          | ŀ   |          | 126 | -        |          | - -     | +-      | ╄            | ₩               |          | -        |
| 29   79   129   130     30   80   130   130   131     32   82   132   132   133     33   83   133   133   133   133     34   84   134   134   134   134   134   134   134   134   134   134   134   134   135   135   136   136   136   136   137   137   137   137   137   137   137   137   138   138   139   139   140   140   140   141   141   141   141   141   141   141   141   141   141   142   143   143   144   144   144   144   144   144   144   144   144   144   145   146   146   147   147   147   147   147   147   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149  |             |   |  |               | H   | $\vdash$               |    |               | ╁─┼  |               | -  | +                              |          | ŀ   |          |     | -        | +        | +-      | +-      | ╀            | ╀               | $\dashv$ | $\vdash$ |
| 30   |             |   | <del></del>                                      |               |   | $\vdash$               |    | +             | $\vdash$   |               | ⊢⊹   | +                              |          | H   | $\dashv$ | 128 | $\dashv$ | +        | +       | +       | ╀            | $\vdash$        | $\dashv$ | $\vdash$ |
| 31   32   33   33   33   34   34   34   34   34   35   35   36   36   36   36   36   37   38   38   39 <td< td=""><td></td><td></td><td>-</td><td></td><td>H</td><td><math>\vdash</math></td><td></td><td>+</td><td>₩</td><td>+-</td><td>┝┼</td><td>+</td><td></td><td>₽</td><td></td><td></td><td></td><td>+</td><td>+</td><td>+</td><td>┼</td><td><math>\vdash</math></td><td><math>\dashv</math></td><td><math>\vdash</math></td></td<>  |             |   | -  |               | H   | $\vdash$               |    | +             | ₩  | +-            | ┝┼   | +                              |          | ₽   |          |     |          | +        | +       | +       | ┼            | $\vdash$        | $\dashv$ | $\vdash$ |
| 32   |             | <del>                                     </del>  |  | +             |   | $\vdash$               |    |               | ⊢  |               | <del>├</del>                                     | +                              |          | ŀ   |          | 130 | -        |          | +       | +       | ╁            | ₩               | $\dashv$ | $\vdash$ |
| 33   34   35   36   37   36   37   38   39   38   39 <td< td=""><td></td><td><del> - - </del>-</td><td></td><td>+-</td><td>H</td><td>┝</td><td></td><td></td><td>╁╾┼</td><td>-</td><td><math>\vdash</math></td><td></td><td></td><td>₽</td><td></td><td>101</td><td>-</td><td></td><td>+-</td><td>+-</td><td><del> </del></td><td>₩</td><td><math>\dashv</math></td><td></td></td<>   |             | <del> - - </del> -                                |  | +-            | H   | ┝                      |    |               | ╁╾┼  | -             | $\vdash$   |                                |          | ₽   |          | 101 | -        |          | +-      | +-      | <del> </del> | ₩               | $\dashv$ |          |
| 34   84   134   134   135   135   135   135   135   135   135   136   136   136   136   136   137   137   137   137   137   137   137   137   137   137   137   137   137   137   137   138   138   138   138   138   139   139   139   139   139   139   139   139   139   139   140   140   140   141   140   141   141   141   141   141   142   142   143   142   143   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   144   145   145   146   146   146   146   147   148   148   148   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149  |             |   |  | ++            | -   | $\vdash$               |    | +             | $\vdash$   | _             | $\vdash$   | +                              | $\dashv$ | ₽   |          | 102 | -        |          | ╁       | +       | ╁            | ┝╾┤             | _        |          |
| 35   36   37   38   37   38   39   38   39   38   39 <td< td=""><td></td><td><del> - - -</del></td><td>++</td><td>+</td><td>+</td><td>├─┤</td><td></td><td></td><td> </td><td>_</td><td><math>\vdash</math></td><td>+</td><td>-</td><td>1</td><td>-</td><td>134</td><td><math>\dashv</math></td><td>+-</td><td>+</td><td>+</td><td>╁</td><td><math>\vdash \vdash</math></td><td><math>\dashv</math></td><td><math>\vdash</math></td></td<>  |             | <del> - - -</del>                                 | ++   | +             | +   | ├─┤                    |    |               |  | _             | $\vdash$   | +                              | -        | 1   | -        | 134 | $\dashv$ | +-       | +       | +       | ╁            | $\vdash \vdash$ | $\dashv$ | $\vdash$ |
| 36   37   38   39   38   39   38   39 <td< td=""><td></td><td><del>                                     </del></td><td>++</td><td>+</td><td>H</td><td><del>  </del></td><td>85</td><td></td><td>+</td><td>+</td><td><math>\vdash</math></td><td>+</td><td>-</td><td>1</td><td><math>\dashv</math></td><td>135</td><td><math>\dashv</math></td><td>+</td><td>+</td><td>+</td><td>+-</td><td><math>\vdash \vdash</math></td><td><math>\dashv</math></td><td>Н</td></td<>   |             | <del>                                     </del>  | ++   | +             | H   | <del>  </del>          | 85 |               | +  | +             | $\vdash$   | +                              | -        | 1   | $\dashv$ | 135 | $\dashv$ | +        | +       | +       | +-           | $\vdash \vdash$ | $\dashv$ | Н        |
| 37   38   39   38   39   38   39 <td< td=""><td></td><td></td><td>++</td><td>+</td><td>H</td><td>┝═┼</td><td></td><td>- </td><td>╁┼</td><td>+-</td><td><del>                                     </del></td><td>+-+</td><td><math>\dashv</math></td><td>H</td><td></td><td></td><td><math>\dashv</math></td><td>+</td><td>+</td><td>+-</td><td><math>\vdash</math></td><td><math>\vdash \vdash</math></td><td>-1</td><td>Н</td></td<>   |             |   | ++   | +             | H   | ┝═┼                    |    | -             | ╁┼   | +-            | <del>                                     </del> | +-+                            | $\dashv$ | H   |          |     | $\dashv$ | +        | +       | +-      | $\vdash$     | $\vdash \vdash$ | -1       | Н        |
| 38   39   38   39   38   39 <td< td=""><td>37</td><td><del>                                     </del></td><td></td><td>++</td><td>H</td><td><math>\vdash</math></td><td></td><td>+</td><td>++</td><td></td><td><math>\vdash</math></td><td>++</td><td></td><td>ŀ</td><td></td><td>137</td><td><math>\dashv</math></td><td>+</td><td>+</td><td>+</td><td><math>\vdash</math></td><td><math>\vdash \vdash</math></td><td><math>\dashv</math></td><td><math>\vdash</math></td></td<>   | 37          | <del>                                     </del>  |  | ++            | H   | $\vdash$               |    | +             | ++   |               | $\vdash$   | ++                             |          | ŀ   |          | 137 | $\dashv$ | +        | +       | +       | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\vdash$ |
| 39   89   139   140   140   140   140   140   140   140   140   140   140   140   140   141  |             |   | <del>                                     </del> | +             | +-  | $\vdash \dashv$        |    | +             | +  | +             | +  | +-1                            |          | H   | $\dashv$ | 138 |          | $\dashv$ | +       | +       | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\vdash$ |
| 40   90   140   141   141   141   141   141   141   141   141   141   141   142   142   142   143   143   143   143   144  | 30          |   | ++   | ++-           | H   | ┝┈╼┤                   |    | $\dashv$      | ╁┼   | +             | $\vdash \vdash$                                  | +                              | -        | +   |          |     |          | $\dashv$ | +       | +       | +-           | H               |          | Н        |
| 41   91   141   142   142   142   142   143   143   144  |             |   | <del></del>                                      | +-+-          | <del>                                     </del>  | $\vdash \vdash \vdash$ |    | $\dashv$      | <del>                                     </del> | +-            | $\vdash \vdash$                                  | +-                             | $\dashv$ | H   | $\dashv$ | 140 | $\dashv$ | +        | +       | +       | ╁            | ┢┤              | -        | -        |
| 42   92   142   143     43   93   143   143     44   94   144   144     95   145   145   145     46   96   146   146     47   97   147   147     48   98   148   148     49   99   149   149   | <del></del> | <del>                                     </del>  | <del></del>                                      | +             | H   | $\vdash$               |    | -             | + +  | +             | $\vdash \vdash$                                  |                                | $\dashv$ | 1   |          |     | $\dashv$ | +        | +       | +-      | +            | $\vdash \vdash$ | $\dashv$ | $\vdash$ |
| 43   93   143   144     44   94   144   144     45   95   145   145     46   96   146   146     47   97   147   147     48   98   148   148     49   99   149   149  | 42          |   |  | ++-           | H   | $\vdash$               |    | $\dashv$      | $\vdash$   | $\dashv$      | $\vdash \vdash$                                  | +                              | -        | H   | $\dashv$ | 142 | $\dashv$ | -+       | +       | +       | $\vdash$     | ┝╾┤             | -        | $\vdash$ |
| 44 94 144   45 95   46 96   47 97   48 98   49 99  | 43          | <del>                                     </del>  |  | +             | <del>                                      </del> | $\vdash$               |    | $\dashv$      | 1-1  | +             | $\vdash$   | ++                             | -        | 1   | - 1      | 143 | $\dashv$ | $\dashv$ | +       | +       | $\vdash$     | $\vdash \vdash$ |          | Н        |
| 45 95   46 96   47 97   48 98   99 145   146 146   147 147   148 148   148 148   149 149   |             |   | <del>     </del>                                 | +++-          | -   | $\vdash$               |    | -             |  | $\neg \vdash$ | $\vdash \vdash$                                  | $\dashv \dashv$                | -1       | ۲   |          | 144 | $\dashv$ | $\dashv$ | $\top$  | +-      | $\vdash$     | $\vdash$        | $\dashv$ | Н        |
| 46 96   47 97   48 98   49 146   49 99   | 45          | <del>                                     </del>  | <del>-    </del>                                 | +++           | $\square$   |                        | 95 | $\dashv$      | $\vdash$   | $\top$        | - -  | $\dashv$                       | -        | H   |          | 145 | $\dashv$ |          | +       | 十       | $\vdash$     | H               | $\dashv$ |          |
| 47   |             |   |  | $\top$        |   |                        |    | $\neg \vdash$ |  | $\top$        | $\vdash$   | 1-1                            | -        | H   |          | 146 | $\dashv$ | $\dashv$ | $\top$  | $\top$  | †            | H               | $\dashv$ | г        |
| 48 98 148 148 149 149 149 149 149 149 149 149 149 149  | 47          |   |  | +             | $\square$   |                        | 97 | $\top$        | ITI  |               | $\vdash$   | 11                             | $\dashv$ | 1   | $\dashv$ | 147 | _        | +        | +       | +-      | T            | $\vdash$        | $\dashv$ |          |
| 49 99 149 149  |             |   | $\dashv$   |               |   |                        |    | $\neg \vdash$ | $\vdash$   | 1             | $\vdash$   | 1-1                            | -        | 1   |          | 148 | $\neg$   | $\dashv$ | $\top$  | +       | 1            | $\vdash$        | $\dashv$ | Н        |
|  |             |   |  | 1-1-          | $\sqcap$  |                        |    | $\dashv$      | $\sqcap$   | $\top$        |  | $\dashv \dashv$                | -        | ۲   |          |     |          | $\dashv$ | $\top$  | $\top$  | 1            | $\forall$       | $\dashv$ | П        |
| 50 100 150 150   | 50          |   |  |               |   |                        |    |               | ✝┪   |               |  | $\top$                         | $\dashv$ | ۲   |          | 150 | 1        |          | +-      | $\top$  | $\vdash$     | $\vdash$        | $\dashv$ | П        |